

U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT
ASSISTANT SECRETARY FOR HOUSING-FEDERAL HOUSING COMMISSIONER

Series and Series Number:

(Supersedes issue dated
February 17, 1992
MATERIALS RELEASE NO. 657h

TO: DIRECTORS, HOUSING DIVISION
DIRECTORS, MULTIFAMILY DIVISION
DIRECTORS, SINGLE FAMILY DIVISION

ISSUE DATE: December 18, 1996

REVIEW DATE: December 18, 1999

SUBJECT: 1. Product Alside Super Steel Siding
2. Name and Address of Manufacturer Alside Division of Associated Materials, Inc.
3773 State Road
Cuyahoga Falls, OH 44223

Data on the nonstandard product described herein have been reviewed by the Department of Housing and Urban Development and determination has been made that it is considered suitable from a technical standpoint for the use indicated herein. This Release does not purport to establish a comparative quality or value rating for this product as compared to standard products normally used in the same manner.

This Materials Release cannot be used as an indication of endorsement, approval or acceptance by HUD of the described product, and any statement or representation, however made, indicating such approval, endorsement or acceptance by HUD is unauthorized. See Code 18, U.S.C. 709.

Any reproduction of this Release must be in its entirety.

USE: Exterior wall finish

DESCRIPTION:

Alside Super Steel Siding" is manufactured from hot dipped zinc coated, nominal 0.017", steel sheets, that are treated, primed, and sprayed with one coat of Primer and one coat of polyvinyl chloride (PVC), oven baked to a smooth finish to nominal 0.0035" dry film thickness. The back of the panel is protected with a corrosion resistant chromate pre-treatment, and a thermosetting polymeric coating. Horizontal siding is available in 8" Clapboard and Double 4 & 5 Clapboard styles of 12'-0" and 12'-6" lengths, and vertical siding in 16" board and batten style with 9'-4 1/2" length. Accessories include starter strips, corner pieces, door and window trim, and other miscellaneous trim pieces.

REQUIREMENTS:

The steel substrate shall be in conformance with the American Society for Testing and Materials (ASTM) A 361, "Specification for Steel Sheet, Zinc Coated by the Hot Dipped Process for Roofing and Siding." The siding shall be in compliance with the requirements described in Table 1.

Table 1. Requirements

Characteristics	Value	Test Method
PVC coating thickness, min.	0.035	ASTM D 1186
Steel Thickness, nominal	0.017"	ASTM D 1186
Tensile strength, min.	33,000 psi	ASTM E 8
Thickness of coating, min.	1.2 mils	ASTM D 1186
Salt spray, min.	no cracks or blisters	ASTM B 117

INSTALLATION:

1. The siding shall be installed in accordance with the manufacturer's instructions by an applicator who is approved by Alside Division of Associated Materials, Inc.
2. When re-siding existing wall construction, any uneven surfaces shall be made smooth.
3. Furring strips, when installed in accordance with the manufacturer's instructions, can also be used to assure an even nailing surface for the siding.
4. Nails shall be flat head galvanized steel of a length which will pass through the sheathing, and penetrate into framing members at least 1".
5. Sheathing shall be faced with felt or nailing paper. The maximum stud spacing shall be 24" o.c. The siding shall not be nailed to fibrous nail based sheathing.
6. Full length panels, as required for proper staggering, shall be used on the entire wall surface, except at the corners and openings.

MANUFACTURER'S GUARANTY:

Alside Division of Associated Materials, Inc. guarantees this siding for 40 years from the date of installation against defects or poor performance if the siding is installed in accordance with the manufacturer's instructions. Should any defect occur, Alside Division of Associated Materials, Inc. shall provide a pro rata allowance for replacement of the defective product.

MANUFACTURER'S RESPONSIBILITIES:

Issuance of this Materials Release (MR) commits the manufacturer to fulfill, as a minimum, the following:

1. Produce, label and certify the material, product or system in strict accordance with the terms of this MR.
2. Provide necessary corrective action in a timely manner for all cases of justified complaint, poor performance or failure reported by HUD.
3. When requested, provide the Office of Consumer and Regulatory Affairs, HUD Headquarters, with a representative list of properties, in which the material, product or system has been used, including complete addresses or descriptions of locations and dates of installation.
4. Inform HUD in advance of changes in production facilities, methods, design of the product, company name, ownership or mailing address.

EVALUATION:

This MR shall be valid for a period of three years from the date of initial issuance or most recent renewal or revision, whichever is later. The holder of this MR shall apply for a renewal or revision 90 days prior to the Review Date printed on this MR. Submittals for renewal or revision shall be sent to HUD Headquarters. Appropriate user fee shall be sent to:

U. S. Department of Housing and Urban Development
Technical Suitability of Products Fees
P. O. Box 954199
St. Louis, MO 63195-4199

The holder of this MR may apply for revision at any time prior to the Review Date. Minor revisions may be in the form of a supplement to the MR.

If the Department determines that a proposed renewal or supplement constitutes a revision, the appropriate User Fee for a revision will need to be submitted in accordance with Code of Federal Regulations 24 CFR 200.934, "User Fee System for the Technical Suitability of Products Program," and current User Fee Schedule.

CANCELLATION:

Failure to apply for a renewal or revision shall constitute a basis for cancellation of this MR. HUD will notify the manufacturer that the MR may be canceled when:

1. conditions under which the document was issued have changed so as to affect production of, or to compromise the integrity of the accepted material, product, or system,
2. the manufacturer has changed its organizational form without notifying HUD, or
3. the manufacturer has not complied with responsibilities it assumed as a condition of HUD's acceptance.

However, before cancellation, HUD will give the manufacturer a written notice of the specific reasons for cancellation, and the opportunity to present views on why the MR should not be canceled. No refund of fees will be made on a canceled document.

This Materials Release is issued solely for the captioned firm,
and is not transferable to any person or successor entity.
